

ABSTRACT

An electronically conducting fuel cell component is composed of a porous metal flow field, an intermediate layer bonded directly to the flow field and an electrode bonded
5 directly to the intermediate layer. The direct bonding eliminates the need for tie rods or other mechanical pressure to maintain the electrical contact of the fuel cell component layers.

Downloaded from ascelibrary.org by University of California, San Diego on 06/01/15. Copyright ASCE, For All Rights Reserved, No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage or retrieval system, without permission in writing from ASCE.